CLAIM AMENDMENTS

Please amend claims 1, 6, 7, and 16 to 20 as follows (all of the pending claims are reproduced below in their entirety):

1. (Previously Amended) A method for manufacturing a flat panel display comprising the steps of:

providing a baseplate and a faceplate;

desorption processing the faceplate in a vacuum;

merging the baseplate and the faceplate while still in the vacuum after the step of desorption processing the faceplate; and

sealing the vacuum between the baseplate and the faceplate.

2. (Previously Amended) The method as claimed in claim 1 wherein the step of desorption processing uses a vacuum from 10^{-7} to 10^{-8} torr.

3. (Previously Amended) The method as claimed in claim 2 wherein the step of desorption processing includes the step of scrubbing the faceplate before the step of sealing the vacuum between the baseplate and the faceplate.

4. (Previously Amended) The method as claimed in claim 3 wherein the step of

scrubbing the faceplate uses plasma sputtering.

5. (Previously Amended) The method as claimed in claim 4 wherein the step of plasma sputtering uses a low atomic weight gas.

6. (Previously Amended) The method as claimed in claim 4 wherein the step of plasma sputtering uses ions and a faceplate voltage of –10 to –1000 V.

7. (Previously Amended) The method as claimed in claim 4 wherein the step of plasma sputtering uses electrons and a faceplate voltage of +10 to +1000 V.

8. (Previously Amended) The method as claimed in claim 4 wherein the step of plasma sputtering applies a faceplate voltage for about 1 to 60 minutes.

9. (Previously Amended) The method as claimed in claim 1 wherein the step of desorption processing includes a step of pre-aging the faceplate.

10. (Previously Amended) The method as claimed in claim 9 wherein the step of pre-aging the faceplate is performed from 120 to 300 minutes.

11. (Currently Amended) A method for manufacturing a flat panel display comprising the steps of:

providing a baseplate and a faceplate;

desorption processing the faceplate in a vacuum;

merging the baseplate and the faceplate while still in the vacuum after the step of desorption processing the faceplate; and

sealing the vacuum between the baseplate and the faceplate;

wherein the step of desorption processing includes a step of pre-aging the faceplate;

wherein the step of pre-aging the faceplate is performed from 120 to 300 minutes; and

~~The method as claimed in claim 10~~ wherein the step of desorption processing includes a step of pre-aging before merge of the baseplate and the faceplate.

12. (Previously Amended) The method as claimed in claim 11 wherein the step of pre-aging uses irradiation with electrons from an electron gun.

13. (Previously Amended) The method as claimed in claim 12 wherein the step of pre-aging uses irradiation with electrons having a current density of 5 to 10 times higher than that of the faceplate during normal operation.

14. (Previously Amended) A method for manufacturing a flat panel display comprising the steps of:

providing a baseplate and a faceplate;

desorption processing the faceplate in a vacuum;

merging the baseplate and the faceplate; and

sealing the vacuum between the baseplate and the faceplate;

wherein the step of desorption processing includes a step of pre-aging after merge of the baseplate and the faceplate.

15. (Previously Amended) The method as claimed in claim 14 wherein the step of pre-aging includes application of a voltage of 6 to 9 kV between the baseplate and the faceplate.

16. (Previously Amended) A method for manufacturing a flat panel display comprising the steps of:

providing a baseplate and a faceplate;

desorption processing the faceplate by scrubbing with plasma sputtering in a vacuum;

merging the baseplate and the faceplate while still in the vacuum after the plasma sputtering; and

sealing the vacuum between the baseplate and the faceplate.

17. (Previously Amended) A method for manufacturing a flat panel display comprising the steps of:

providing a baseplate and a faceplate;

desorption processing the faceplate by scrubbing with ion plasma sputtering in a vacuum;

merging the baseplate and the faceplate while still in the vacuum after the ion plasma sputtering; and

sealing the vacuum between the baseplate and the faceplate.

18. (Previously Amended) A method for manufacturing a flat panel display comprising the steps of:

providing a baseplate and a faceplate;

desorption processing the faceplate by scrubbing with electron plasma sputtering in a vacuum;

merging the baseplate and the faceplate while still in the vacuum after the electron plasma sputtering; and

sealing the vacuum between the baseplate and the faceplate.

19. (Previously Amended) A method for manufacturing a flat panel display comprising the steps of:

providing a baseplate and a faceplate;

desorption processing the faceplate by pre-aging using electron irradiation in a vacuum;

merging the baseplate and the faceplate while still in the vacuum after the electron irradiation; and

sealing the vacuum between the baseplate and the faceplate.

20. (Previously Amended) A method for manufacturing a flat panel display comprising the steps of:

providing a baseplate and a faceplate;

merging the baseplate and the faceplate;

evacuating between the baseplate and the faceplate after the baseplate and the faceplate are merged to form a vacuum therebetween;

desorption processing the faceplate by pre-aging using electron irradiation during the step of evacuating between the baseplate and the faceplate; and

sealing the vacuum between the baseplate and the faceplate after the pre-aging.